

PATENT COOPERATION TREATY
PCT
INTERNATIONAL SEARCH REPORT
(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 112831:EJH	FOR FURTHER ACTION	see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.
International application No. PCT/AU2004/001362	International filing date (<i>day/month/year</i>) 6 October 2004	(Earliest) Priority Date (<i>day/month/year</i>) 6 October 2003
Applicant EASTLAND MEDICAL SYSTEMS LTD et al		

This international search report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This international search report consists of a total of 5 sheets.



It is also accompanied by a copy of each prior art document cited in this report.

Basis of the report

a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

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the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).

b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing:

☐

contained in the international application in written form.

☐

filed together with the international application in computer readable form.

☐

furnished subsequently to this Authority in written form.

☐

furnished subsequently to this Authority in computer readable form.

☐

the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.

☐

the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. ☐

Certain claims were found unsearchable (See Box I).

3. ☐

Unity of invention is lacking (See Box II).

4. With regard to the **title**,

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the text is approved as submitted by the applicant.

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the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

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the text is approved as submitted by the applicant

☐

the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No. **2**

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as suggested by the applicant.

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None of the figures

☐

because the applicant failed to suggest a figure

☐

because this figure better characterizes the invention

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001362

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 1998/019723 A1 (SPECIALIZED HEALTH PRODUCTS, INC) 14 May 1998 Whole document	1-25
A	US 2003/0105430 A1 (LAVI ET AL) 5 June 2003 Whole document	1-25
A	WO 1997/000702 A1 (CRITICAL DEVICE CORPORATION) 9 January 1997 Whole document	1-25
A	US 2002/0188251 A1 (STAYLOR ET AL) 12 December 2002 Whole document	1-25
A	WO 2002/089680 A1 (INJECTA GMBH) 14 November 2002 Whole document	1-25
P,A	WO 2003/092771 A1 (PA KNOWLEDGE LIMITED) 13 November 2003 Whole document	1-25

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001362

This Annex lists the known "A" publication level patent family members relating to the patent documents cited in the above-mentioned international search report. The Australian Patent Office is in no way liable for these particulars which are merely given for the purpose of information.

Patent Document Cited in Search Report		Patent Family Member			
US	6099504	AU	95572/98	CA	2308217
		IE	970782	WO	9922790
EP	1024845	CA	2308217	EP	1024845
		ZA	9809580	ZA	9809580
WO	2000/025845	AU	64811/99	EP	1126889
US	2003130619	CA	2279895	CA	2312919
		EP	1011785	EP	1044028
		US	5851197	US	6093172
		US	2002022855	US	2003125669
		US	2003199823	US	2003225373
		WO	1998/033549	WO	1999/033504
		WO	2002/100457	WO	2002/100457
WO	1998/019723	AU	17565/97	AU	48537/96
		AU	93046/98	BR	9510270
		BR	9712875	BR	9811644
		CA	2215036	CA	2265908
		CN	1171745	CN	1235557
		EP	0837705	EP	1011755
		NO	20001236	NZ	302476
		NZ	334326	NZ	503865
		US	5487734	US	5542927
		US	5616135	US	5656031
		US	5836917	US	5928200
		US	6024727	WO	1996/021483
		WO	1999/012592	WO	1997/027890
		WO	1999/012592	WO	1997/027890
US	2003105430	WO	2003/047663	WO	2003/047663
WO	1997/000702	AU	27767/95	AU	33762/99
		AU	45042/97	AU	58508/96
		BR	9712415	BR	9814626
		CA	2225452	CA	2269689
		EP	0840627	EP	0901389
		EP	1028764	EP	1133382
		EP	1402919	SG	55389
		US	5616129	US	5616130
		US	5820601	US	5836923
US	5971965	AU	35695/99	AU	35695/99
		AU	86941/98	AU	86941/98
		CA	2193232	CA	2193232
		CA	2308144	CA	2308144
		EP	0954249	EP	0954249
		EP	1147002	EP	1147002
		US	5470319	US	5470319
		US	5788675	US	5788675
		US	5971965	US	5971965

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/AU2004/001362

US	6048335	US	6152900	US	6177037
US	6183448	US	6206861	US	6210624
US	6261268	US	2001016715	US	2003105452
US	2004092886	WO	2000/010791	WO	2000/025995
WO	1995/035125	WO	1998/017192	WO	1999/024090
US	2002188251	US	2002188249	US	2002188250
WO	2002/089680	NONE			
WO	2003/092771	GB	2388033	GB	2396298

Due to data integration issues this family listing may not include 10 digit Australian applications filed since May 2001.

END OF ANNEX

INTERNATIONAL SEARCH REPORT

International application No.

PCT/AU2004/001362

A. CLASSIFICATION OF SUBJECT MATTERInt. Cl. ⁷: A61M 37/00; A61M 5/32, 5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

DWPI: IPC A61M 1/-, 5/-, 37/- & keywords: (inoculation, vaccination, rotate, turn, lateral, sideways, longitudinal, retract, move, bias, resilient, urge, needle, sharp, serrated, lacerate, cut, jagged) and similar terms.

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6099504 A (GROSS ET AL) 8 August 2000 Whole document	1-25
X	WO 2000/025845 A1 (CHOUDHARY) 11 May 2000 Whole document	1-25
X	US 2003/0130619 A1 (SAFABASH ET AL) 10 July 2003 Whole document	1-25

☒ Further documents are listed in the continuation of Box C☒ See patent family annex

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
17 November 2004

Date of mailing of the international search report

26 NOV 2004

Name and mailing address of the ISA/AU

Authorized officer

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